

Archiving Space Geodesy Data for 20+ Years at the CDDIS

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Since 1982, the Crustal Dynamics Data Information System (CDDIS) has supported the archive and distribution of geodetic data products acquired by NASA programs. These data include GPS (Global Positioning System), GLONASS (GLObal NAVigation Satellite System), SLR (Satellite Laser Ranging), VLBI (Very Long Baseline Interferometry), and DORIS (Doppler Orbitography and Radiolocation Integrated by Satellite). The data archive supports NASA's space geodesy activities through the Solid Earth and Natural Hazards (SENH) program. The CDDIS data system and its archive have become increasingly important to many national and international programs, particularly several of the operational services within the International Association of Geodesy (IAG), including the International GPS Service (IGS), the International Laser Ranging Service (ILRS), the International VLBI Service for Geodesy and Astrometry (IVS), the International DORIS Service (IDS), and the International Earth Rotation Service (IERS). The CDDIS provides easy and ready access to a variety of data sets, products, and information about these data. The specialized nature of the CDDIS lends itself well to enhancement and thus can accommodate diverse data sets and user requirements. All data sets and metadata extracted from these data sets are accessible to scientists through ftp and the web; general information about each data set is accessible via the web. The CDDIS, including background information about the system and its user communities, the computer architecture, archive contents, available metadata, and future plans will be discussed.

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Version is not default	New version set to	Existing version set	Recipe is valid for	Recipe is valid for
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Has been reprocessed	Real time	Currently being processed
Needs to be reprocessed	No data processed	On hold
22-day boundary	8-day boundary	Planned for Unplanned case
Compelled processing!	Day closed	

22-Day Recipe	180	192	224	256	288
Recipe	180	192	224	256	288
	4.73	5.16	5.87	6.72	7.68
	1.4	1.5	1.7	1.9	2.2

Quarterly Receipts			
Receipts	End Day	End Day	End Day
118	018/01	008/01	
122	172		

Yearly Recipe		2002	2003
Recipe			
L100		020	023
C0		017	

Receipt	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day
140	168	178	182	186	192	200	208	216	224	232	240	248	256	264	272	280	288	296	304			
Qd	166	173	182	186	197	204	212	220	228	236	244	248	267	268	274	278	285	293	300	Qd		
A	166	173	180	186	196	203	210	216	226	236	246	248	266	268	274	278	285	293	300	A		
L10	167	173	183	184	201	206	216	222	228	236	246	248	266	268	274	278	285	293	300	L10		
L11	168	173	184	184	201	208	218	224	230	243	252	254	267	271	274	278	280	287	299	L11		
L16	168	173	180	180	197	203	211	222	228	243	256	267	271	274	278	285	293	301		L16		
L16b	168	168	184	183	200	217	224	232	243	252	257	271	276	286	292	299	300			L16b		

16-Day Recs									
Recs	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day	End Day
172	208	224	240	256	272	288	304		
L12	208	222	236	251	276	285	304		
								L12	
L12A	208	217	236	251	272	279	304		
L13	208	222	237	262	276	286	300		
								L13	
L32	208	222	236	267	275	286	300		

MTVS1 AQUA Production 11/3/04

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8-Day Recipes		10-Day Recipes												12-Day Recipes												14-Day Recipes												16-Day Recipes												18-Day Recipes												20-Day Recipes												22-Day Recipes												24-Day Recipes												26-Day Recipes												28-Day Recipes												30-Day Recipes												32-Day Recipes												34-Day Recipes												36-Day Recipes												38-Day Recipes												40-Day Recipes												42-Day Recipes												44-Day Recipes												46-Day Recipes												48-Day Recipes												50-Day Recipes												52-Day Recipes												54-Day Recipes												56-Day Recipes												58-Day Recipes												60-Day Recipes												62-Day Recipes												64-Day Recipes												66-Day Recipes												68-Day Recipes												70-Day Recipes												72-Day Recipes												74-Day Recipes												76-Day Recipes												78-Day Recipes												80-Day Recipes												82-Day Recipes												84-Day Recipes												86-Day Recipes												88-Day Recipes												90-Day Recipes												92-Day Recipes												94-Day Recipes												96-Day Recipes												98-Day Recipes												100-Day Recipes											
Recipe	Portion	1/4	1/3	1/2	2/3	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	12	12 1/4	12 1/2	12 3/4	13	13 1/4	13 1/2	13 3/4	14	14 1/4	14 1/2	14 3/4	15	15 1/4	15 1/2	15 3/4	16	16 1/4	16 1/2	16 3/4	17	17 1/4	17 1/2	17 3/4	18	18 1/4	18 1/2	18 3/4	19	19 1/4	19 1/2	19 3/4	20	20 1/4	20 1/2	20 3/4	21	21 1/4	21 1/2	21 3/4	22	22 1/4	22 1/2	22 3/4	23	23 1/4	23 1/2	23 3/4	24	24 1/4	24 1/2	24 3/4	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4	27	27 1/4	27 1/2	27 3/4	28	28 1/4	28 1/2	28 3/4	29	29 1/4	29 1/2	29 3/4	30	30 1/4	30 1/2	30 3/4	31	31 1/4	31 1/2	31 3/4	32	32 1/4	32 1/2	32 3/4	33	33 1/4	33 1/2	33 3/4	34	34 1/4	34 1/2	34 3/4	35	35 1/4	35 1/2	35 3/4	36	36 1/4	36 1/2	36 3/4	37	37 1/4	37 1/2	37 3/4	38	38 1/4	38 1/2	38 3/4	39	39 1/4	39 1/2	39 3/4	40	40 1/4	40 1/2	40 3/4	41	41 1/4	41 1/2	41 3/4	42	42 1/4	42 1/2	42 3/4	43	43 1/4	43 1/2	43 3/4	44	44 1/4	44 1/2	44 3/4	45	45 1/4	45 1/2	45 3/4	46	46 1/4	46 1/2	46 3/4	47	47 1/4	47 1/2	47 3/4	48	48 1/4	48 1/2	48 3/4	49	49 1/4	49 1/2	49 3/4	50	50 1/4	50 1/2	50 3/4	51	51 1/4	51 1/2	51 3/4	52	52 1/4	52 1/2	52 3/4	53	53 1/4	53 1/2	53 3/4	54	54 1/4	54 1/2	54 3/4	55	55 1/4	55 1/2	55 3/4	56	56 1/4	56 1/2	56 3/4	57	57 1/4	57 1/2	57 3/4	58	58 1/4	58 1/2	58 3/4	59	59 1/4	59 1/2	59 3/4	60	60 1/4	60 1/2	60 3/4	61	61 1/4	61 1/2	61 3/4	62	62 1/4	62 1/2	62 3/4	63	63 1/4	63 1/2	63 3/4	64	64 1/4	64 1/2	64 3/4	65	65 1/4	65 1/2	65 3/4	66	66 1/4	66 1/2	66 3/4	67	67 1/4	67 1/2	67 3/4	68	68 1/4	68 1/2	68 3/4	69	69 1/4	69 1/2	69 3/4	70	70 1/4	70 1/2	70 3/4	71	71 1/4	71 1/2	71 3/4	72	72 1/4	72 1/2	72 3/4	73	73 1/4	73 1/2	73 3/4	74	74 1/4	74 1/2	74 3/4	75	75 1/4	75 1/2	75 3/4	76	76 1/4	76 1/2	76 3/4	77	77 1/4	77 1/2	77 3/4	78	78 1/4	78 1/2	78 3/4	79	79 1/4	79 1/2	79 3/4	80	80 1/4	80 1/2	80 3/4	81	81 1/4	81 1/2	81 3/4	82	82 1/4	82 1/2	82 3/4	83	83 1/4	83 1/2	83 3/4	84	84 1/4	84 1/2	84 3/4	85	85 1/4	85 1/2	85 3/4	86	86 1/4	86 1/2	86 3/4	87	87 1/4	87 1/2	87 3/4	88	88 1/4	88 1/2	88 3/4	89	89 1/4	89 1/2	89 3/4	90	90 1/4	90 1/2	90 3/4	91	91 1/4	91 1/2	91 3/4	92	92 1/4	92 1/2	92 3/4	93	93 1/4	93 1/2	93 3/4	94	94 1/4	94 1/2	94 3/4	95	95 1/4	95 1/2	95 3/4	96	96 1/4	96 1/2	96 3/4	97	97 1/4	97 1/2	97 3/4	98	98 1/4	98 1/2	98 3/4	99	99 1/4	99 1/2	99 3/4	100	100 1/4	100 1/2	100 3/4																																																																																																																																																			

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Yearly Receipts			
Version	Receipts	2002	2003
1.10a	029	029	
04			

Version Notes

Version is not default
New version set to default
Existing version set to default
Recipe is valid for IRIX and Linux
Recipe is valid for IRIX only

	Has been reprocessed
	Needs to be reprocessed
	32-day boundary
	Completed processing!
	Real time
	No data processed
	8-day boundary
	Disk closed
	Currently being processed
	On hold
	Planned for Unifluent release

Collection 4 Reprocessing for Aqua/Terra Combined Products

10-Day Recipes Aquas REPROCESSING

[illegible][illegible]

	10-Jun	11-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun	Recipe
Recipe	161	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176
L _B	20%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
L _E	273	274	274	274	274	275	276	276	276	276	276	276	276	276	280	281	281

[illegible]

	17-Nov	18-Nov	19-Nov	20-Nov	21-Nov	22-Nov	23-Nov	24-Nov	25-Nov	26-Nov	27-Nov	28-Nov	29-Nov	30-Nov	1-Dec	2-Dec
Recipe	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1.6	2.2	2.3	2.2	2.2	2.2	2.2	2.3	2.4	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6

	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	13-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec
Receipts	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0%	0%
L.F.	500	500	500	502	502	503	503	503	503	503	503	507	507	507	507	L.F.